## Water Rights Administration in Times of Drought

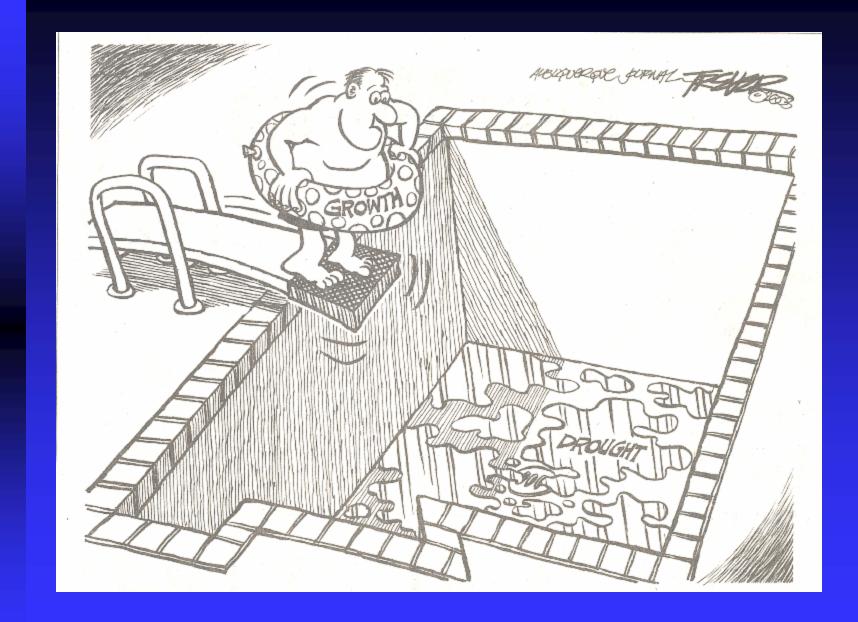


presented by

John D'Antonio, PE New Mexico State Engineer

Blue Ribbon Task Force – 2/26/04





## New Mexico Water Law: Doctrine of Prior Appropriation

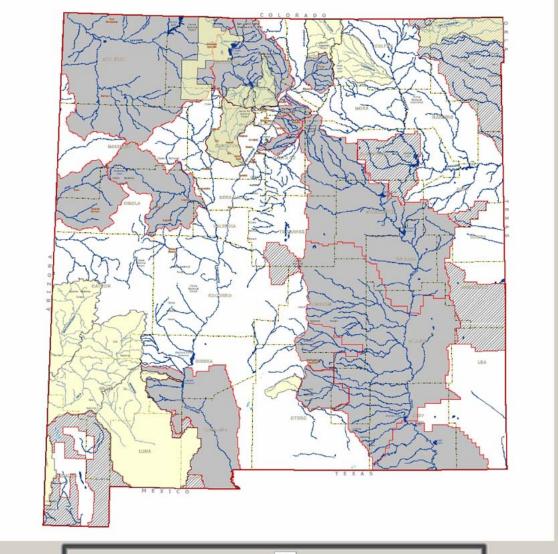


### Article XVI, Section 2

- "The unappropriated water of every natural stream, perennial or torrential, within the State of New Mexico, is hereby declared to belong to the public and to be subject to appropriation for beneficial use, in accordance with the laws of the state."
- "Priority of appropriation shall give the better right."

#### ACTIVE WATER RESOURCE MANAGEMENT IN NEW MEXICO

COMPLETED AND ACTIVE WATER RIGHTS ADJUDICATION WORK





#### **Cimarron River**

- only river system with full priority administration
- administered through a water master who physically distributes water in accordance with available supply

## Cimarron River



### Rio Costilla

- administered in accordance with the Costilla Creek Compact
- priority dates of diverters is the basis for the detail within the Costilla Creek Compact

## Rio Costilla



### Rio Chama

 is administered on a priority call basis when total water supply is not satisfactory to meet the diversion needs of the ditches

## Rio Chama



### Rio Jemez

 is administered based on available water supply, flow in the river in a semi-priority administration and a rotational basis

### **Animas River**

in times of water supply shortage the ditches agree to rotation of diversions

### San Juan River

shortage sharing agreement between all water users and the Navajo Nation

### **Pecos River**

is evaluated constantly to ensure compliance with the Pecos River Compact.

# Priority Administration Other options:

- shortage sharing
- rotation
- other agreements
- water banking

## Critical Situation



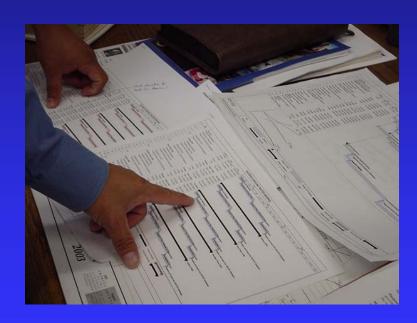
**Costilla Reservoir** 



**Rio Grande** 

## Administrative Dilemma

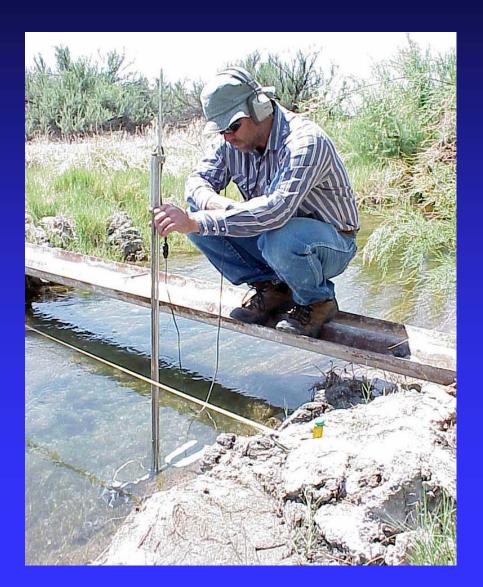




### Section 72-3

- State Engineer always had authority to create special water districts and to provide water masters
- law was seldom used

## Pecos Water Master



### Section 72-3

- provides a means for funding of water masters
- provides budgets of water use to the county or counties involved
- counties would place water users on their tax rolls for the purpose of water master administration

- allows the State Engineer to provide water masters to specific rivers
- allows for priority administration without adjudication

- **bill is now section 72-2-9.1**
- allows the State Engineer to "administer water allocations in accordance with the water right priorities recorded with, or declared, or otherwise available to the State Engineer"

- State Engineer can adopt rules for priority administration with three conditions:
  - 1) not to interfere with future or pending adjudications

- State Engineer can adopt rules for priority administration with three conditions:
  - 2) create no impairment of water rights other than what is required to enforce priorities

- State Engineer can adopt rules for priority administration with three conditions:
  - 3) no increase in depletions

# Active Water Resource Management

framework must be applicable throughout the state

## Active Water Resource Management

What are the priority areas around the state?

## **Priority Areas**

- San Juan River Basin
- Rio Gallinas Basin
- Rio Chama Basin
- Rio Pojoaque Basin

### San Juan Basin

- experiencing water shortage
- shortage-sharing agreements
- Active Water Resource
   Management may be
   necessary by fall of 2004

### San Juan Basin



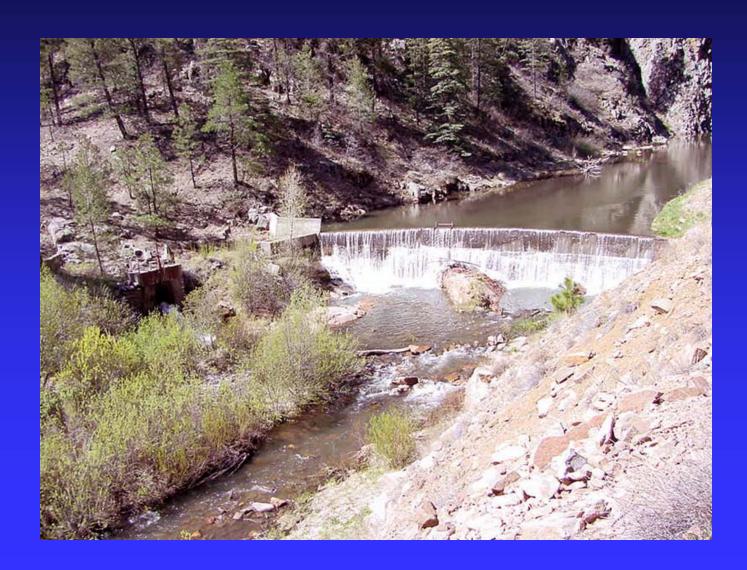
### Rio Gallinas Basin

- Las Vegas, Rio Gallinas
   acequias, and Storrie Project
   Water Users are discussing
   division of water
- administrative rules,
   regulations, and water master
   discussions taking place

### Rio Gallinas Basin

Active Water Resource Management may be necessary by the fall of 2004

### Rio Gallinas Basin



#### Rio Chama Basin

- administration of the Rio Chama acequias below Abiquiu Dam and releases and delivery of San Juan-Chama water downstream
- entire Rio Chama including area above Abiquiu would need to be administered

#### Rio Chama Basin



#### Rio Pojoaque Basin

- Aamodt lawsuit area
- water master program
   will likely be part of a
   settlement agreement

- contractor team hired
- huge responsibility above and beyond our day-to-day activities
- will support efforts of each basin, but will not direct administration

What is the plan as we move forward?

- selected basin managers
- develop and implement a schedule for water master rules and regulations
- establish a budget

- create a plan for communicating with the public
- hire water masters
- provide training

- administer water in each individual basin
- identify the level of
   administration that can be
   implemented –
   short-term/long-term
   objectives

- The State Engineer hopes that the drought will break
- We are committed to provide active administration and an on-the-ground presence on all of New Mexico's river

 will evolve into a statewide program to provide services during drought cycles, and during wet cycles

